Natasha Ampomah

Orientation Questions:

1. The total kinetic energy of particles that all have the same average energy would grow linearly.
2. The potential energy would grow exponentially because the particle is moving closer to its desired boundary.
3. When I plotted the kinetic vs potential, the kinetic seems to keep its linear path way. But the potential energy seems to still be exponential.

Just a thought: But since the potential is supposed to be quadratic, is it because nice it reaches is full potential energy (or boundaries) the particle will eventually reach its potential and reside back to 0, and repeat the process?